

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

LICENSEE CODE: NYJAFI; LICENSE NUMBER: 200-0000-0000; LICENSE TYPE: 4; CAT: 58

REPORT SOURCE: L; DOCKET NUMBER: 605000333; EVENT DATE: 022880; REPORT DATE: 032880

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 During normal operation while conducting surveillance tests to satisfy TS table 3.1-1, APRM 'B' remained inop when the function switch was returned to operate position. Other APRM channels in same safety channel were operable. No hazard existed. See attachment for details.

SYSTEM CODE: IA; CAUSE CODE: X; CAUSE SUBCODE: Z; COMPONENT CODE: INSTRU; COMP. SUBCODE: X; VALVE SUBCODE: Z; EVENT YEAR: 80; SEQUENTIAL REPORT NO.: 025; OCCURRENCE CODE: 3; REPORT TYPE: 1; LER RO REPORT NUMBER: 17; ACTION TAKEN: X; FUTURE ACTION: Z; EFFECT ON PLANT: Z; SHUTDOWN METHOD: Z; HOURS: 0000; ATTACHMENT SUBMITTED: Y; NPRD-4 FORM SUB.: N; PRIME COMP. SUPPLIER: N; COMPONENT MANUFACTURER: G080

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

10 Normal hysteresis effect caused problem. Minor adjustment of LPRM count circuit restored normal operation. No failure existed. See attachment for details.

FACILITY STATUS: E; % POWER: 094; OTHER STATUS: NA; METHOD OF DISCOVERY: B; DISCOVERY DESCRIPTION: Surveillance Test

ACTIVITY CONTENT RELEASED OF RELEASE: Z; AMOUNT OF ACTIVITY: NA; LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES NUMBER: 000; TYPE: Z; DESCRIPTION: NA

PERSONNEL INJURIES NUMBER: 000; DESCRIPTION: NA

LOSS OF OR DAMAGE TO FACILITY TYPE: Z; DESCRIPTION: NA

PUBLICITY ISSUED: N; DESCRIPTION: NA; NAME OF PREPARER: W. Verne Childs; PHONE: 315-342-3840

8004030218

NRC USE ONLY

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER 80-025/03L-0

Page 1 of 1

During normal operations, while conducting Operations Surveillance Test F-ST-5B titled "APRM Instrument Functional Test", APRM channel 'B' remained "inoperable" when the function switch was returned to the operate position at the completion of the test. APRM channels 'D' and 'F' which are in the same safety channel were operable thus meeting the minimum requirements of Technical Specifications Table 3.1-1. The event did not represent a significant hazard to the public health and safety.

Investigation revealed that normal hysteresis effects did not allow the instrument to return to operable status when the function switch was returned to the operate position. APRM 'B' was operating with eleven (11) LPRM inputs which is the minimum allowed by Technical Specifications. Since the number of LPRM inputs was at the minimum, the LPRM count circuit was susceptible to minor disturbance. As part of F-ST-5B, the movement of the instrument function switch through its test positions caused enough disturbance of the LPRM count circuit to cause an "inoperable" output. Manipulation of LPRM control switches and the APRM function switch could restore the instrument to operable status. However, a minor adjustment was made to the LPRM count circuit to overcome the hysteresis effects and thus avoid problems with the instrument during future routine surveillance. Following adjustment, the instrument was demonstrated to be fully operable by satisfactory completion of F-ST-5B and returned to service approximately nine (9) hours after discovery of the problem.